

# Decimals

## Unit 3, Lesson 1A

Objective: Use the place value system to write decimals. Identify decimals through tenths.

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**Homework:** Lesson 1A Homework Sheet

## **Do Now**

Complete the Math Minute worksheet.

Be sure to put your name on your paper.  
Remember, Do Nows are being graded for effort.

5 min

Collect and review 'my favorite no' in two minutes.

Write the wrong answer on the board and have students turn and talk about why it's wrong. Write observations on their whiteboards. Window students are scribes.

## Announcements

1. Pick up your Do Now sheet from the table when you enter the classroom.
2. If you miss a day of class, the notes and makeup work will be in the file folder on the entry table. You are responsible for any work or notes that you miss.

2 min

Recall: Integers

0, 14, -3

New Concept: Rational numbers

0.2     $-\frac{1}{2}$

Decimals are part of the family of **rational numbers**

Who can give me an example of an integer? There are two types of integers – what are they?

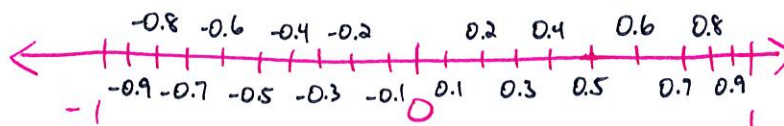


## Notes

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### **Rational numbers:**

Every point on a number line (positive and negative; whole numbers, decimals, fractions)



4 min

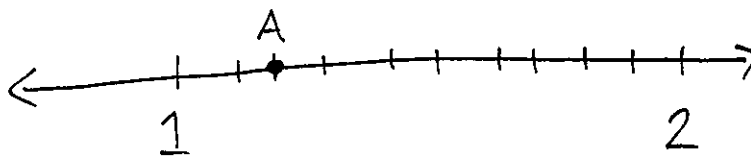
Draw number line in notes with -1, 0, 1 and tenths places in between  
Remember that place **value** is **based on tens**



## Notes

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Ex 1: Given this number line, what is the decimal number identified?



Students should think: *where is zero?* use a highlighter to go from zero to the decimal point or from a whole number (the one closest to zero) to the decimal point

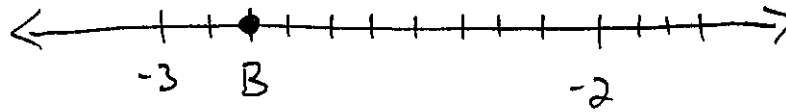
$$A = 1.2$$



## Notes

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Ex 2: Given this portion of a number line, what is the decimal number identified?



Students should think: *where is zero?* use a highlighter to go from zero to the decimal point or from a whole number (the one closest to zero) to the decimal point

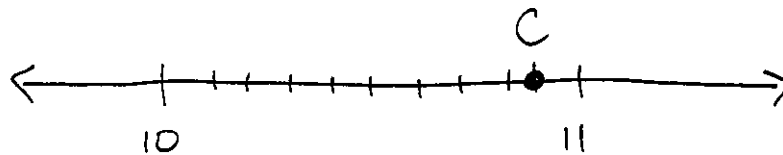
$$B = -2.8$$



## Notes

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**Ex 3:** Given this portion of a number line, what is the decimal number identified?



Students should think: *where is zero?* use a highlighter to go from zero to the decimal point or from a whole number (the one closest to zero) to the decimal point

$$C = 10.9$$



## Lesson Practice

Lesson Practice sheets are in the folder in the center of your table.

## The Last Seven Minutes...

1. Pack up everything except a pencil.
2. Clean up any trash in your area (on your desk or on the floor near your desk).
1. Silently fill out your exit slip. Everyone deserves five minutes of **strong silence** to recall and apply all that we learned today.

8 min